RTD3131

may cause undesired operation This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to

Rules. Operation is subject to the following two

conditions: (1) This device may not cause harmful

interference, and (2) this device must accept any

interference received, including interference that

FCC Information

However, there is no quarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

- measures: Reorient or relocate the receiving antenna
- Increase the separation between the
- equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver
- is connected. Consult the dealer or an experienced radio / TV technician for help.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Connections and Setup

Connecting to your TV (VIDEO)

goes from the receiver to the screen.

TV

VIDEO IN

Rear of the unit

are required to provide best picture quality. They

are usually color-coded green, blue and red.
Connect the component video OUT jacks on the

receiver to the component video IN jacks on your

TV so the video content goes from the receiver to

The basic video jack is color-coded yellow.
Video cable (yellow) is supplied for the connection

Connect the video OUT jack on the receiver to

the Video IN jack on your TV so the video content

remain readily operable

Composite video jack (yellow)

for good picture quality



Method 1

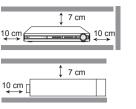
This Home Theater has earned

Other important use and cleaning information at the end of the booklet.

Video cab

000

This device complies with part 15 of the FCC Ventilation You must adequately ventilate the product. Make sure there is adequate space around the unit to provide proper air flow for ventilation. See



This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of

For your safety

The AC power plug is polarized (one blade is wider than the other) and only fits into AC nower outlets one way If the plug won't go into the outlet completely, turn the plug over and try to insert it the other way.

> If it still won't fit, contact a qualified electrician to change the outlet, or use a different one. Do not attempt to bypass this safety feature.

emoving the power plug is the only way to completely remove power from your product. Make sure the power plug remains easily accessible.

- 1 -

 $Where the \ mainsplug \ or \ an \ appliance \ coupler \ is \ used \ as \ a \ disconnect \ device, the \ disconnect \ device \ shall$

This DVD player is designed and manufactured to respond to the Region Management Information. If the Region number of a DVD disc does not correspond to the Region number of this DVD player, this player cannot play the disc. The Region number for this DVD player is Region 1.

THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT. THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT. CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USERSERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

THE LIGHTNING ELASH AND ARROWHEAD WITHIN

o reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids uch as vases, should be placed on the apparatus.

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE

THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH

THE SAME OR EQUIVALENT TYPE. WARNING: MAINS PLUG IS USED AS DISCONNECT DEVICE AND IT SHOULD REMAIN READILY

OPERABLE DURING INTENDED USE IN ORDER TO DISCONNECT THE APPARATUS FROM MAINS COMPLETELY, THE MAINS PLUG SHOULD BE DISCONNECTED FROM THE MAINS SOCKET OUTLET

Service information

This product should be serviced only by those specially trained in appropriate servicing

Important Information

CAUTION

RISK OF ELECTRIC SHOCK

DO NOT OPEN

WARNING: SHOCK HAZARD

- DO NOT OPEN

AVIS: RISQUE DE CHOC

ELECTRIQUE-NE PAS OUVRIR

SEE MARKING ON BACK OF PRODUCT

Main plug is used as the disconnect device it shall remain operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

Caution

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam. Class 1 laser product. This system must be opened only by qualified

technicians to prevent accidents caused by the laser beam. -2-

is prohibited

fire or recharge them. If you are not using the remote control for a long period of time, remove the batteries

Important battery information

batteries.

In order to avoid any risk of explosion, observ the polarities indicated inside the battery compartment. Replace only with the type of batteries specified. Do not dispose of them in a

Important Information

Please respect the environment and prevailing regulations. Before you dispose of batteries or accumulators, ask your dealer whether they are subject to special recycling and i they will accept them for dispo



th Canadian ICES-003.

Please read and save for future reference

your particular product; however, as with any electronic product, precautions should be observed during handling and use

- Keep these instructions. Heed all warnings.
- Follow all instructions.
- Clean only with a dry cloth.
- accordance with the manufacturer's instructi Do not install near any heat sources such as
- radiators, heat registers, stoves, or other apparatus (Including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your wall outlet, consult an electrician for replacement of the obsolete

or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

• Protect the power cord from being walked on

Use only with a cart, stand, tripod,

Front speaker placement

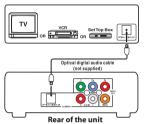
apparatus has been damaged in any way, such as the power cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or

Connections and Setup

Using OPTICAL DIGITAL IN jack

1. Connect the OPTICAL DIGITAL IN lack on the back of the unit to the OPTICAL DIGITAL OUT jack

- 2. Press the DIGITAL button on the remote control to activate the sound from the external source.
- 3. Press the SURROUND button on the remote control to select the sound mode.



front panel of the unit to the headphone output on mp3 players. Press either SOURCE on the main unit or AUDIO

- IN on the remote control to select AUDIO IN 3. Press the SURROUND button on the remote
- control to select the sound mode

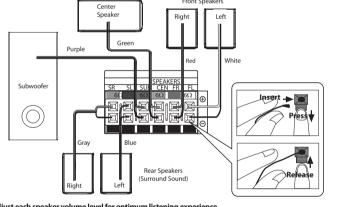
Ø3.5mm to Ø3.5mm audio cables (not included).

Suggest using Ø3.5mm AUDIO IN jack for MP3 player and AUX IN jacks for equipment such as TV,

If the AUX IN (or AUDIO IN) audio signal is mono, you may not receive audio on

Connecting the speakers

terminal and insert the wire. Release the tab to lock wire in the terminal



(1) Press the LEVEL button on the remote control to select Left (front Left speaker

(2) Press the VOL+/VOL- buttons to adjust the value up or down (between -10dB and +10dB).

(3) Repeat step (1) and (2) for the other speakers Right, Center, Left Surr., Right Surr., Subwoofer and Loudness (on/off).

Speaker gains may be set to levels of up to +10dB, actual max levels may also depend on your Volume Setting.

Compatible formats

DVD, JPEG

Regional coding

Your unit has been designed to process regional management information stored on DVD discs. The regional code for your unit is 1. Discs that have ent regional code will not play.

Playing Discs - Basic Functions

Operating the DVD receiver 1 Turn on your television set

Press ON•OFF on the remote control or ON/ STANDBY located on the front panel of the unit.

Press DVD on the remote control.

Place a disc onto the disc tray with the label side

Press ≜ again to close the disc tray.

Playback

After loading a disc, playback starts automatically, or the disc menu appears. If the

playback.

While the disc is playing, press PAUSE once for freeze frame. Press PLAY to resume normal play-

- 2. Each time you press PAUSE button, the picture

This product utilizes a laser. Use of controls or Do not mix different types of batteries or new and old batteries. Do not use rechargeable adjustments or performance of procedures other han those specified may result in hazardous persionnel.

CAUTION:

radiation exposure. Do not open covers and do not repair yourself. Refer servicing to qualified

Visible and invisible laser radiation when open and interlocks defeated. DO NOT STARE INTO BEAM.

Important Safety Instructions

Illustrations contained in this document are for

Some of the following information may not apply

- Do not use this apparatus near water.
- Do not block any ventilation openings, Install in

- Only use attachments / accessories specified by
- bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used. use caution when moving the cart / apparatus combination to
- avoid injury from tip-over.
 Unplug this apparatus during lightning storms
- or when unused for long periods of time. Refer all servicing to qualified service personnel. Servicing is required when the

has been dropped.

For best results, follow the speaker placement

Align the center speaker evenly with (A) or slightly behind (B) (the left and right speakers), but not

make sure the polarities ("+" speaker wire to "+" on the receiver. For example red wire to red terminal on the receiver. of speaker wires and terminals match. If the cords are reversed, the sound will be distorted. Do not let the speaker wires touch each other, it will damage the Home

Positioning speakers



1. Left, Right (Front Speakers) Front speakers carry primarily music and sound

effects. 2. Center In surround mode, the center speaker carries

most of the dialog as well as music and effects. It should be set between the left and right peakers. 3. Surround (Rear Speakers)

The surround speakers' overall sound balance should be as close as possible to the front peakers. Proper placement is vital to establish an evenly distributed sound field.

A subwoofer is designed to reproduce powerful low bass effects (explosions, the rumble of spaceships, etc.).

Note: Center speaker provided with this unit is magnetically shielded to protect your TV set. It is not recommended to place the front speakers, surround speakers and subwoofer near the TV set.

Place the left and right speakers to form a 45-degree angle with your favorite viewing position to duplicate the soundtrack mixer's perspective.

possible to the same height. This often requires placing the center speaker directly on top (A) or beneath (B) the TV set



Press SLOW button on the remote in play mode 2. Each time the SLOW button is pressed the speed of slow-motion playback changes in the

3. Press PLAY to resume normal playback.

Changing chapter/track While the disc is playing, press the CH+/- button to

go immediately to the next or previous chapter, or to the next or previous track

2. Move from one area to another (pan) using the arrow buttons. 3 To turn ZOOM off, press the ZOOM repeatedly

until the Q off is displayed Random playback While the audio CD is playing, press the **RANDOM**

the random playback. Random: All tracks will be played randomly. Random Off: To resume normal playback.

Types of menus Disc menu — The appearance and contents of

⇔ Language	Player Menu	: English	
ॉ Video	Subtitle Audio Disc Menu	: English : English : English	
□ Audio			
Default			

When you press STOP, the unit stores the you press PLAY again, playback resumes om this point.

again from the beginning, press STOP twice. If the unit is left in STOP mode for more than 5 minutes without any user interaction, a screen saver is activated. At the end of 30 minutes without any user interaction, the

Display Info (information)

playing.
2. Press INFO again for Title and Chapter. Shows the number of the title/chapter currently

playing and total titles/chapter on disc. 3. Press INFO a third time for Audio. Shows the type of the audio currently selected

Time 00:18:18 Title 1/21 Chapter 7/29

It's important to read this instruction prior to using your new product for the first time

DATE AND A ADDRESS OF THE COURSE OF THE COUR

Important Safety Instructions

splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus. Always leave sufficient space around the product for ventilation. Do not place product in or on a bed, rug,

Apparatus shall not be exposed to dripping or

in a bookcase or cabinet that may prevent air flow

through vent openings.

Do not place lighted candles, cigarettes, cigars, etc.

Connect power cord only to AC power source as marked on the product

Do not attempt to disassemble the cabinet. This

product does not contain customer serviceable

Care should be taken so that objects do not fall into the product.

Connections and Setup

Accessories provided

Things to consider before you connect

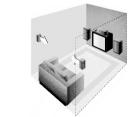
Ensure that the mains supply in your house complies with that indicated on the identification

creating strong magnetic or electric fields. The components of this unit are sensitive to heat. The maximum ambient temperature should not exceed 35°C / 95°F

adequate ventilation: 10 cm/4 inches on either side and above the top, and 5 cm/2 inches at the

Connections and Setup

above viewers. This helps to minimize localization Aiming Aim surround speakers straight across the room.



towards the sidewalls (C, D).

DIGITAL indicator

Overview of Controls - Front Panel Controls

OPEN/CLOSE button - PLAY/PAUSE button -AUDIO IN (front) - to listen to the audio input connects audio Onens and closes the Starts/pauses playing a disc from the connected TV, VCR or Set Top Box. RСЛ ON/STANDBY button-ON/STANDBY indicator VOLUME control DVD indicator AUX IN indicator Switches the unit on AUDIO IN indicator and off.

different battery type, if inserted incorrectly, or if all batteries are not replaced at the same time

of in fire or an attempt is made to charge a battery

llowing precautions: A. Any battery may leak electrolyte if mixed with B. Any battery may leak electrolyte or explode if disposed

If your product operates on batteries, adhere to the

not intended to be recharged. C. Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury. When discarding batteries, be sure to dispose of them in the proper manner, according to your state/provincial and

D. Battery shall not be exposed to excessive heat such

as sunshine, fire or the like



Left and right front speakers Remote control and 2 AAA batteries

sticker located on the back of your unit. Install your unit horizontally, away from any source of heat (fireplace) or appliances

Better surround placement If possible, place surround speakers to either side



Alternative Surround Placement If rear wall mounting is the only choice, aim the speakers at each other (A), towards the front (B) or

SOURCE button - Selects the input sources.

7 CLEAR 8 0 TITLE Test tone/Channel balance Channel balance Your receiver is equipped with a test signal generator to help you balance the audio level for each channel. See Audio Setup under The Setup Menu section of Instruction Book for details on how to access this feature. As the signal "travels" from channel to channel.

same loudness level. Level adjustment and surround channel level Even though you may adjust the surround channels

use the VOL controls to adjust each channel to the

to be as loud as the others on the test signal, you might find that surround channels seem quieter for actual TV and Movie content. This is because producers use surround for subtle atmospherics and ambience, and only rarely for special effects.

Adjusts the volume.

Method 2 Component video jacks (Pr, Pb, Y) The component video jacks are color-coded green, \bigcirc Additional component video cables (not supplied)

Left and right

The humidity of the room should not exceed 75%. If you have to use the unit outdoors, do not expose t to rain or splashing water. The apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.

Surround speakers can go on stands facing each

other to approximate sidewall mounting (A), or to

the sides or rear of the viewing area, aimed upwards; they can go right on the floor, or preferably, a few

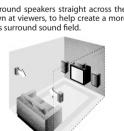
feet off the floor such as on end tables (B)

Moving the unit from a cold place to a warm one can cause condensation on some components nside the unit. Let the condensation disappear Leave enough space around the unit to allow on its own before turning the unit on again. Before moving the unit, make sure the disc tray

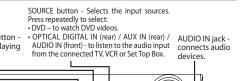
is empty.

Center speaker

of the listening area, not behind it. If space permits, install surround speakers 2-3 feet



Experiment with placement until sounds seem to surround you, rather than come from behind you.



Rear of the unit

the screen

TV

VIDEO IN

(**®** ^{Ps}



RŒЛ

Overview of Controls

ON•OFF: DVD: DIGITAL:

AUX IN: CLEAR INFO: TITLE: DISC MENU:

TV screen without saving change. Accesses the display information Accesses the title menu of DVD discs. Accesses the disc menu during playback. Confirms your selection. **^/V/</>:** MUTE: SETUP RETURN:

VOL +/-REV: Starts reverse accelerated play PLAY: Starts playing a disc. FWD: Starts forward accelerated play. SLOW Selects SLOW motion function. Stops playback PAUSE AUDIO ANGLE:

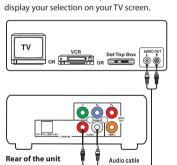
ZOOM: MEMORY: RANDOM: **SUBWOOFER:** Selects among subwoofer output levels

LEVEL:

Getting sound from external sources Using AUX IN (ANALOG R/L) jacks Connect the AUX IN (ANALOG R/L) jacks on the back of the unit to the AUDIO OUT jacks on VCR, TV, Set Top Box or other component.

Press the AUX IN button on the remote control to activate the sound from the external source.
 Press the SURROUND button on the remote

control to select the sound mode (5.1 Channel



Turns on/off the unit. Selects the DVD mode. Selects the Optical Digital input (for listening to audio input from connected TV, VCR or SetTop BOX) Selects the Front Audio Input. AUDIO IN: Selects the Auxiliary input (for listening to audio input from connected TV, VCR or Set-Top BOX).

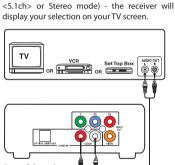
To navigate through the menus Mutes and restores the sound. Enters Setup menu. Returns to the normal operation after using the setup menu. Adjusts the sound volume. CH+/▶▶, CH-/I◄: Directly accesses the next or previous chapter (DVD) or track (CD).

> Accesses the Zoom function. subtitle off (if available). Creates programs Turns on/off random playback on CDDA discs.

> > Toggles speaker channels for different level settings. Adjust the value using VOL +/-.

television, use the unit's progressive scan output to get the highest possible video resolution. Set the Progressive Scan option in the Video menu to On. If one of the devices is not working, check that all the cables have been inserted properly into the jacks. Connecting mono components to you receiver: If your component has only one output for audio (mono), connect it to the white audio jack on the receiver and don't use the cable's red plugs

If your television is a high definition



- 5 -

Number entry Quits the current setting manually from the

Freezes frame, accesses frame advance. Accesses the audio function. Accesses the camera angle function for DVD disc. Selects the subtitle languages or turns

(soft/balance/strong/powerful). **REPEAT A-B**: Performs point-to-point repeat playback on a DVD or CD. **REPEAT DISC**: Repeats chapter or title of a DVD. Repeats single track or whole CD.

playback, or a disc's menu). screen menus in the direction of the arrow button (e.g., to move right, press >). The arrow buttons are used to highlight an option. Once highlighted.

Using remote control to navigate through Use $\wedge/\vee/\langle \rangle$ and OK on the remote control to

Overview of Controls

nsert 2 "AAA" batteries in the remote

control prior to use.

press OK to select the option that is highlighted.

witch the unit and the TV set on.

While the disc is playing, press REV or FWD one or more times to vary the speed and direction of the accelerated play. Press PLAY to resume normal

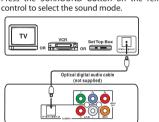
Frame advance

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER

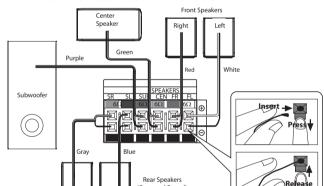
DVD copy protection In accordance with the DVD standard, your DVD player is equipped with a Copy Protection system, which can be switched on and off by the DVD disc itself, in order to make any recording of the relevant DVD disc onto a videotape of very poor picture quality, or even impossible. This product incorporates copyright protection technology

that is protected by method claims of certain U.S. patents and other intellectual property rights wned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home use only unless otherwise authorized by Macrovision Corporation Reverse engineering or disassembly

Using AUDIO IN jack
1. Connect the Ø3.5mm AUDIO IN jack on the on VCR, TV, Set Top Box or other component



Speaker wires are color-coded to match the terminals. Connect the speaker wire from the back of each peaker to the corresponding color terminal at the back of the unit. Press down the tab to open the



SURROUND: Changes the Surround sound setting. Press the button to select between 5.1 Channel and Stereo

navigate through the on-screen displays (the DVD player's menu, the Info Display that appears during

Compatible discs • DVD, DVD-R, DVD-RW, DVD+R. DVD+RW

Loading disc 1. Press ≜ on the front panel of the unit to open

disc menu appears, select the Play option to begin playback.

2. Press STOP to stop playback.

Press PAUSE twice. "Step" is displayed.

3. Press PLAY to resume normal playback. - 10 -

Connections and Setup



4. Subwoofer

Basic Playback Operations

$l \triangleright 1/2 \longrightarrow l \triangleright 1/4 \longrightarrow l \triangleright 1/6 \longrightarrow l \triangleright 1/8$

Zoom into an image 1. While a disc is playing, press ZOOM repeatedly to enlarge the image in 3 levels (O1, O2 and O3).

button on the remote control to activate/inactivate

you have inserted. It is separate from the Setup Setup menu — Press SETUP to access this menu

The first banner shows the elapsed time from the beginning of the title which is currently

Shows the subtitle number and language currently selected is displayed.

5. Press INFO a fifth time for Angle.

is displayed.

4. Press INFO a forth time for Subtitle.

1/3 DD 6 ch Eng

The three front speakers should be as close as

To stop playback completely or to start

Press INFO on the remote while a disc is playing to display information on operation status.

Shows the current angle is displayed.

unit switches off automatically.

- 11 -

DVD Info Display

Repeating a specific title/chapter (DVD)

While the disc is playing, press the REPEAT DISC button on the remote control repeatedly to select

Repeat Title or Repeat Chapter. The current title / chapter is played repeatedly.

Resuming normal DVD playback While the disc is playing, press the REPEAT DISC button until the Repeat Off indicator displays on

For the CD playback, please see Playing CDs.

button at the beginning of the section you

want to play repeatedly ("Rep A-" is displayed).

2. Press the REPEAT A-B button again at the end of

3. The unit will immediately begin replaying your

While the disc is playing, press the REPEAT A-B

button until the RepAB Off indicator displays on

A-B repeat can only be used within the same

title. If the start and end of the section to be

repeated are in different titles, A-B repeat is

The A-B repeat function does not operate

in scenes where different camera angles are

the section ("Rep A-B" is displayed).

Resuming normal DVD playback

the screen.

Notes

- to add additional titles and chapters. Repeating a specific section
- programmed playback You can play a specific section repeatedly
- 5. Press the PLAY button to start the 1. While the disc is playing, press the REPEAT A-B

control to confirm.



DVD Programmable Memory

2. Use \wedge or \vee button to select the title you want,

want, then press the OK button on the remote

4. Use \wedge button to move the cursor to the top

of the chapter list and press the OK button to

return to Title window. Then repeat steps 2 to 3

then press the OK button on the remote control

play them in the order you determine.

Press the MEMORY button.

Changing the programmed selections

1. Press the MEMORY button.

- 2. Press > button to select "Clear", then press the OK button to clear them one by one.
- 3. Follow above steps 1-4 to program the new title and chapter.

Resuming normal playback

- 1. Press the MEMORY button.
- Press > button to select "Clear All", then press the OK button. All the programs will be cleared.
- 3. Press the ▶ PLAY button to resume norma playback.



- To exit the Program menu, press the MEMORY
- The programmed selections will be cleared
- when you open the disc tray or turn off the
- 12 -

Playing CDs

You can combine your favorite titles/chapters and Make sure that a disc you want to play is compatible

- . Place a CD with the printed side facing up.
- 2. Press OPEN/CLOSE to close the disc tray.
 A list of folders/files will appear on the screen.
 3. To stop playback, press STOP.

Play modes for CD

When playing CDs, you are able to modify the Play Modes through the Toolkit which appears on the right in the window. Press < /≯ button on the remote control to navigate between the left/right windows and \wedge or \vee button on the remote control to select files/tracks or play mode items. Then press the OK button, Please refer to below steps to playback files/tracks in the Program view

- 1. Select Edit mode in the Toolkit then press OK button to start edit mode.
- 2. Select a file/track or more files/tracks you want in the original view list with the OK button.
- Select Add to program in the Toolkit then press OK . "✓" will disappear from the screen. t means that the files/tracks you have selected already added into the program view list.
- 4. Select Program view in the Toolkit then press OK to open the files/tracks in the Program view list that you already selected in step 2.
- 5. Press PLAY to playback all files/tracks in the Program view list.



The Toolkit has the following play mode items:

Repeat (Off/Single/All):

Mode (Normal/Random/Music Intro):

- Off: Resumes normal playback. Single: Repeats the current track/file. All: Repeats all files on the current folder or all
- Normal: Resumes normal playback. Random: Playbacks track/file in random order. Music Intro: Only playback the first 10 seconds of all tracks on the disc.
- Edit mode: Program operation works only when
- "Edit mode" is selected. Program view: To view tracks/files in the "Program view" list. It is disabled when the
- "Program view" list is empty. Add to program: Add files/tracks to the "Program view" list. It is disabled if the "Edit mode" item is
- Browser view: To view files/tracks in the original
- Clear program: Delete the files/tracks in the Program view list. Select a file/track or more you want to delete in full stop mode (press STOP twice). "✓" will appear besides the deleted file/ track. Select Clear program and then press OK . It is disabled if the Edit mode is not selected



Playing Jpeg Files

Jpeg files are image files. Make sure that they have a resolution of less than 2 megapixels.

1. Press the OPEN/CLOSE button to open the disc

- 2. Place a disc that contains JPEG files and close the disc tray.
- A list of folders/files will appear on the screen. Press ∧ or ∨ button to select your desired file, and then press OK or PLAY button to start
- playback. Press the STOP button to display a folder list.

Magnifying image Press ZOOM repeatedly to enlarge the image in 3 levels (Q1, Q2 and Q3).

- Press ∧/∨/</>
 > buttons to view a different part of the image. You may move the image from the center position to UP, DOWN, LEFT and RIGHT direction. When you reach the edge of the image, the display will not shift anymore in that
- Resuming normal playback To turn ZOOM off, press the ZOOM repeatedly until the Q Off is displayed.

Press the ANGLE button repeatedly. The image will rotate in the clockwise direction as follows:

> → 90° --->180° --->270° --— No Rotation (original) \leftarrow

- The time taken for the contents of the disc to be displayed varies according to the size and number of jpeg files on the disc. If nothing is displayed after a few minutes, the file sizes may be too large. Reduce the files' resolution and write another disc.
- Before inserting a disc, make sure it is

AUDIO IN/DIGITAL IN/AUX IN

TV, VCR or Set Top Box can be connected to AUX IN/OPTICAL DIGITAL IN jacks at the back of the unit or AUDIO IN at the front panel so that sound from the auxiliary component comes into the unit and out through the speakers.

Connecting auxiliary components

IN mode

With this menu, you can set the language for Player Menu, Subtitle, Audio and Disc Menu.

If you chose "English" during initial set-up, any menus generated by the disc are in English, and so Refer to "Getting sound from external sources such as TV" for details on connecting the auxiliary Selecting AUDIO IN / DIGITAL IN / AUX

components to the unit.

Press either SOURCE on the main unit or AUDIO IN

/ DIGITAL / AUX IN on the remote control to select

Sound output in AUX IN mode (or

You may change the surround setting by pressing SURROUND to select between 5.1

CHANNEL and STEREO modes – the receiver will

If the AUX IN (or AUDIO IN/DIGITAL IN) audio

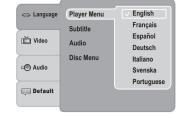
signal is mono, you may not receive audio on all

display your selection on your TV screen.

AUDIO IN, DIGITAL IN or AUX IN mode.

AUDIO IN/DIGITAL IN mode)

is the language of the dialogs (if this language is



1. Press the SETUP button.

The Setup Menu

LANGUAGE SETUP

To access the Setup Menu you must first be in DVD

There are four options in the main setup menu

Language Setup, Video Setup, Audio Setup and

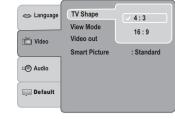
- 2. Press ➤ button, then press ∧ or ∨ to select desired option (Player Menu, Subtitle, Audio or Disc Menu).
- 3. Press ➤ button, then press ∧ or ∨ button to select a preferred language, press the OK button. 4. Repeat steps 2 and 3 above to adjust other
- 5. Press the SETUP button to exit menu.

Notes

- If the selected language is not available on a disc, the disc's language will be used instead.
- If the language chosen is available, it is automatically selected when you display the subtitles or press SUBTITLE on the remote control. Otherwise, the subtitle language indicated on the disc is selected.

VIDEO SETUP

t allows you to set video mode for the TV Shape, View Mode, Video out and Smart Picture.



Press the SETUP button.
 Press or to select Video.

3. Press ➤ button, then press ∧ or ∨ to select desired option (TV Shape, View Mode, Video

out and Smart Picture). 4. Press > button, then press ∧ or ∨ button to

make adjustments, press the OK button. 5. Repeat steps 2 and 3 above to adjust other

6. Press the SETUP button to exit menu.

TV Shape

Depending on the format of the DVDs, you can choose the picture format (aspect ratio) best ited to the format of your TV screen:

4:3: Select when a standard 4:3 TV is connected. Displays pictures cropped to fill your TV

16:9: Select when a 16:9 TV is connected.



screen.

Notes The displayable picture size is preset on the DVD.Therefore, the playback picture of some DVDs may not conform to the picture size

you select.

When you play DVDs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the TV Shape setting.

Select 16:9 to conform the LCD screen on the unit Always he sure that your TV Shape.

the unit. Always be sure that your TV Shape conforms to the actual TV in use if you connect the unit to a TV.

However, depending on the condition of the

CD-writer, computer and the disc used, you may

find that not all discs will play. When playing a

CD-R disc, it is normal for the unit to take up to

60 seconds to recognize the disc before starting

If the disc is not recognized after a period of 120

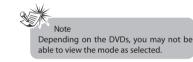
The Setup Menu

Video Mode

Fill the screen with decoded image. Original: Display image as it's original size.

Auto Fit: Automatically fit the decoded image on screen without distortion. Black bars will be present on top/bottom or

left/right of screen. Pan Scan: Select when a standard 4:3 TV is connected. Displays pictures cropped to fill your TV screen. Sides of the picture are cut off.



Interlaced: Corresponding to your TV which has a

component video inputs. Select if you connect the DVD to your TV which has a component video that support progressive scan. If there is a distorted picture on the TV,

wait 15 seconds for automatic recover.

Smart Picture Standard: Picture is set to normal brightness

Bright: Picture is brighter. Soft: Softer image effect.

Dynamic: It includes 4 items (Brightness, Contrast, Tint and Color). Use > or < button to

make adjustments

AUDIO SETUP

You can adapt your unit to other equipment and access specific functions with the Audio Setup



- 1. Press the SETUP button.
- 2. Press ∧ or ∨ to select Audio 3. Press > button, then press ∧ or ∨ to select desired option (Test tones, Channels and
- 4. Press > button, then press ∧ or ∨ button to
- make adjustments, press the OK button. 5. Repeat steps 2 and 3 above to adjust other options.

6. Press the SETUP button to exit menu.

Enables you to test and adjust Speaker levels Select the Speaker (Left, Center, Right, Right surr., Left surr. or Subwoofer) you wish to test. A tone will be output to that Speaker. User can then adjust the Speaker level by pressing VOL+/-. Press the OK button to select a different Speaker, or press SETUP

Channels It allows you to select the speaker output mode (Stereo or 5.1 Channel).

Loudness This enhances the sound level of the Left, Right, and Subwoofer channels during quieter sections of audio content, while leaving the sound level

The Setup Menu

DEFAULT

This option allows you to return the unit's settings to the original factory settings. Any changes you have made to the unit's settings will be reverted back to the original settings.



Additional Information Troubleshooting

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The unit does not switch on.

Make sure it is plugged in. Press the ON•OFF button on the remote control or the ON/STANDBY button on the unit.

The device switches off spontaneously. The device switches off automatically when it is

- in STOP mode for more than 30 minutes without any user intervention. Switch it on again.
- It might be impossible to read the disc. Insert the disc with the printed side facing up.
- Check that the disc can actually be played by this device. · Check that the disc's regional code matches the
- unit's regional code. This unit's regional code is

· Check the connections.

Clean the disc There is no picture.

- Check you have switched on the TV set.
- Select the AV input assigned to the unit on the

The picture is of poor quality (with snow or

· Check the connections

lines).

Setup)

There is no sound or the sound is of poor Check the connections

No surround sound. Check the speaker configuration in the Setup menu (See Positioning speaker or Audio

Make sure the speakers are connected.

Make sure the MUTE function is not on.

Additional Information

I can't find my file in the jpeg listing

The remote control does not work or works

· Check that batteries are inserted or change

- Check that the remote control is configured to control the device you are trying to operate

Check that the DVD disc provides subtitles.

The disc menu language has not been set up. • The language of your choice is not available on the disc.

Precautions

- The openings located on the top and bottom
- so that it is not damaged by electrical or electromagnetic surges. This unit is designed for continuous use.
- plug from the mains jack as some components remain connected to the electrical supply.
- electrocution. Do not attempt to look inside the unit through the disk tray opening or any other opening. You may be electrocuted or exposed to laser radiation

• This unit is for domestic use only and must not

Cleaning

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Make sure the file name is valid

- only intermittently.
- Aim the remote control at the unit. The infrared beam must not be blocked or interrupted.

The subtitles do not appear.

Refer to the section on how to display subtitles.

The disc menu language is not the correct one.

- If your unit has been stored in a cool place for any length of time, during a journey for example, wait for about 2 hours before using
- are for ventilation and must not be obstructed. During thunderstorms, we recommend that you isolate the unit from the electrical supply
- Switching off the unit to standby mode does not disconnect it from the mains supply. To completely isolate the equipment, remove the
- If you notice any burning or smoke, disconnect the unit immediately to avoid any risk of

be used for industrial purposes. Total or partial copying of recordings protected by copyright legislation, without the explicit

contravenes current legislation. Copying or downloading music files for sale or any other business purpose constitutes or could constitute a violation of copyright law.

mission of the holder of the rights,

vents at the back or sides. Using solvents, abrasive or alcohol-based products risks damaging the unit. · If an object or liquid enters inside the unit,

unplug it immediately and have it checked by

• Use a soft, dry, clean cloth. Regularly dust the

an authorized servicer or service center. Handling and caring for discs

- Handle your discs with care. Hold the disc with your fingers at the edges or through the hole. Insert the disc with the label facing up (for a
- single-sided disc). Place the disc properly into the tray in the allotted holder. Use a soft cloth to clean discs if necessary,
- always wiping from the centre to the edge. Always put discs back in their cases after use and store in a vertical position. Do not close the tray with two discs in it or with a disc not sitting correctly in the holder.
- Do not play cracked, chipped or warped discs nor try to repair them with adhesive tape or
- Do not write on a disc. Do not move the unit when a disc is being
- Do not scratch discs or store them in places exposed to direct sunlight, high humidity or high temperatures. Do not use aerosol cleaners, benzene, anti-static liquids or any other solvent for cleaning discs. When cleaning, wipe gently with a soft damp (water only) cloth from the centre to the edge,

avoiding circular motions, which could cause scratches and interference during playback.

Additional Information

Compatible Formats In order to ensure playback, discs must conform with DVD or CD standards. This unit may not play some recordings or files due to differences in

single or dual layer. DVDs are high density optical discs on which high quality picture and audio are recorded by means of digital signals.

Audio CD

CD-R, CD-RW

Audio CDs (12 cm)

CD-Rs written during a multisession recording can be played, provided that the session has ended before

the disc is played (depending on the write software).

Do not use its full capacity.

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CD-Rs should be preferably used instead of CD-RWs (rewritable CDs) as, in certain cases, CD-RW playback may be faulty. Use reliable, good-quality CD write software.Close all other applications on the computer to

seconds, remove the disc, and insert it again.

ensure reliable CD-R disc recording

CD-R and CD-RW with jpeg files. Certain jpeg

files, in cluding progressive jpeg files, cannot be read by this unit.

Additional Information Sound Enhancement Systems This receiver is equipped with several built-in



DOLBY. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

You can use this mode with any stereo program source (such as VCR/TV) to enjoy multi-channel

The Dolby Digital mode lets you enjoy full digital

surround from software processed in the Dolby Digital format. Dolby Digital provides better sound quality and a more powerful presence than conventional Dolby Surround. This unit is equipped with Dolby Digital 5.1-channel so that you can enjoy enhanced full digital surround sound. The new system provides stereo separation of the rear speakers (Rear-Right, Rear-Left). Adding the subwoofer channel to the 5 channels for bass sounds (counted as 0.1 channel) results in 5.1 channels that bring you the most sophisticated Dolby Digital sound enjoyment.

Manufactured under license from Dolby Laboratories

Dolby Pro Logic The Pro Logic mode uses the built-in circuit to

channel audio signals and uses all five speakers to play both stereo and Dolby Pro Logic program source, such as TV and VCR. sound experience.

steer the Left, Center, Right and Mono Surround

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Specifications: Dimensions (H x W x D mm) Unit: 55 x 430 x 255 Front Speakers: 105 x 85 x 85

Rear Speakers: 105 x 85 x 85

Subwoofer: 285 x 130 x 245

unchanged for louder sections.

Limited Warranty

One Year Parts & Labor Warranty AVC products purchased in the United States are warranted to be free from defects in materials or workmanship for a period of one year from the date of their original retail purchase. If the unit fails to

conform to this warranty, we will service the product using new or refurbished parts and products, at

During a period of one year from the effective warranty date, **AVC** will provide, when needed, service

original consumer purchaser and is limited to non-commercial user of the product.

AVC MULTIMEDIA ("AVC") makes the following limited warranty. These limited warranties extend to the

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labor to repair a manufacturing defect at its designated Service Center. To obtain warranty service in the United States, you must first call our Customer Support Center at 1-800-506-5746 or 1-877-252-6873. during the hours listed in the box below. The determination of service will be made by AVC custo PLEASE DO NOT RETURN YOUR UNIT TO AVC WITHOUT PRIOR AUTHORIZATION New or remanufactured replacements for defective parts or products will be used for repairs by AVC at its designated Service Center for one year from the defective warranty date. Such replacement parts or

products are warranted for an additional one year from the date of repair or replacement. The Customer

will be required to ship the unit to the Service Center indicated at the time Customer Support is

contacted to make the necessary repairs. The customer is responsible for all transportation charges to

When you send the product to the AVC service facility you must use the original carton box and packing material or an equivalent as designated by AVC. Your Responsibility

Packaging and Shipping Instruction

(1) You must retain your bill of sale to provide proof of purchase. (2) These warranties are effective only if the product is purchased and operated in the U.S.A. or Canada.

(3) Warranties extend only to defects in material or workmanship, and do not extend to any product or parts which have been lost or discarded, or damage to product or parts caused by misuse, accident,

improper operation or maintenance, or use in violation of instructions provided with the product. or to product which has been altered or modified without authorization of AVC, or to products or

parts thereof which have had the serial number removed or changed. Out of Warranty

In the event your product requires repair after the limited warranty period has expired, please contact ort Center at 1-800-506-5746, 1-877-252-6873

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www.rcaav.com

Hours: Monday-Thursday: 9am-7pm, Friday: 9am-5pm, Saturday: 9am-NOON Eastern time. You are responsible for any transportation, shipping or insurance relative to the return of the product to our Product Returns Center

Limited Warranty

implied warranties arising under state law.

All warranties implied by state law, including the implied warranties of merchantability and fitness fo a particular purpose, are expressly limited to the duration of the limited warranties set forth above With the exception of any warranties implied by state law as hereby limited, the foregoing warranty is exclusive and in lieu of all other warranties, guarantees, agreements and similar obligations of manufacturer or seller with respect to the repair or replacement of any parts. In no event shall AVC be liable for consequential or incidental damages.

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms

of these warranties in any manner whatsoever. The time within action must be commenced to enforce

any obligation of AVC arising under the warranty or under any statute, or law of the United States or any

state thereof, is hereby limited to one year from the date of purchase. This limitation does not apply to

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This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above provisions may not apply to you.

For more information on other products and services, please contact our web site at www.rcaav.com

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Product name

Type of set Serial no. Invoice no. ... Date purchased. ... Dealer name

Important: Also keep your "Bill of Sale" as proof of purchase.

FOR SERVICE AND REPAIR, PLEASE VISIT www.rcaav.com Specifications and external appearance are subject to change without notice.

recording formats, software used and disc types. D<u>VD-Video</u> Digital video discs - 12 cm, single or double sided,

DVD-R, DVD-RW, DVD+R, DVD+RW

Most DVD-R and DVD+R (one recording

only), DVD-RW and DVD+RW discs (rewritable), depending on the DVD riter and discs used. Recordings using DVD-R and DVD-RW discs must be made in Video DVD mode. Recordings using DVD+RW discs must be made in accordance with the specifications for DVD+RW discs with a 4.7 GB

Most CD-R (one recording only) and CD-RW discs (rewritable).

Jpeg files

to play.

The total number of files and folders on the disc should be less than 650. Make sure that files have the ".jpg" extension. Files without the ".jpg" extension will not be able to be read by the unit
--- even thought the files are shown as jpeg

images on your computer.

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Printed in China

811-313191W011